

2019 Demand Occupation List

SOC	Description	2018 Jobs	Avg. Hourly Earnings	Typical Entry Level Education
11-1011	Chief Executives	189	\$59.21	Bachelor's degree
11-1021	General and Operations Managers	27,503	\$37.47	Bachelor's degree
11-2021	Marketing Managers	58	\$60.73	Bachelor's degree
11-2022	Sales Managers	134	\$37.61	Bachelor's degree
11-3011	Administrative Services Managers	381	\$39.04	Bachelor's degree
11-3021	Computer and Information Systems Managers	141	\$52.67	Bachelor's degree
11-3031	Financial Managers	325	\$42.82	Bachelor's degree
11-3051	Industrial Production Managers	100	\$48.25	Bachelor's degree
11-3121	Human Resources Managers	233	\$32.14	Bachelor's degree
11-9021	Construction Managers	166	\$44.28	Bachelor's degree
11-9031	Education Administrators, Preschool and Childcar	60	\$17.11	Bachelor's degree
11-9039	Education Administrators, All Other	35	\$37.82	Bachelor's degree
11-9041	Architectural and Engineering Managers	79	\$72.15	Bachelor's degree
11-9111	Medical and Health Services Managers	430	\$36.49	Bachelor's degree
11-9199	Managers, All Other	301	\$52.96	Bachelor's degree
11-1021	General and Operations Managers	1,428	\$43.72	Bachelor's degree
11-3021	Computer and Information Systems Managers	3,264	\$47.42	Bachelor's degree
11-3031	Financial Managers	6,532	\$43.58	Bachelor's degree
11-9041	Architectural and Engineering Managers	79	\$72.15	Bachelor's degree
11-9111	Medical and Health Services Managers	430	\$36.49	Bachelor's degree
11-9021	Construction Managers	166	\$44.28	Bachelor's degree
13-1022	Wholesale and Retail Buyers, Except Farm Produ	1,301	\$27.00	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale Retail, and	3,883	\$27.07	Bachelor's degree
13-1051	Cost Estimators	107	\$28.62	Bachelor's degree
13-1071	Human Resources Specialists	522	\$26.28	Bachelor's degree
13-1081	Logisticians	255	\$36.86	Bachelor's degree
13-1111	Management Analysts	218	\$33.09	Bachelor's degree
13-1151	Training and Development Specialists	414	\$24.65	Bachelor's degree
13-1161	Market Research Analysts and Marketing Speciali	169	\$27.61	Bachelor's degree
13-1199	Business Operations Specialists, All Other	488	\$35.65	Bachelor's degree
13-2011	Accountants and Auditors	546	\$34.69	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	67	\$20.28	Bachelor's degree
13-2041	Credit Analysts	30	\$40.99	Bachelor's degree
13-2051	Financial Analysts	46	\$40.87	Bachelor's degree
13-2052	Personal Financial Advisors	29	\$30.03	Bachelor's degree
13-2061	Financial Examiners	25	\$31.50	Bachelor's degree
13-2072	Loan Officers	237	\$31.41	Bachelor's degree
13-2099	Financial Specialists, All Other	29	\$44.73	Bachelor's degree
15-1121	Computer Systems Analysts	146	\$36.25	Bachelor's degree
15-1122	Information Security Analysts	92	\$32.97	Bachelor's degree
15-1131	Computer Programmers	90	\$30.91	Bachelor's degree
15-1132	Software Developers, Applications	145	\$36.73	Bachelor's degree
15-1133	Software Developers, Systems Software	73	\$44.05	Bachelor's degree
15-1134	Web Developers	34	\$26.89	Associate's degree
15-1141	Database Administrators	38	\$38.83	Bachelor's degree
15-1142	Network and Computer Systems Administrators	196	\$32.22	Bachelor's degree
15-1151	Computer User Support Specialists	331	\$20.98	Some college, no d
15-1152	Computer Network Support Specialists	117	\$27.13	Associate's degree

15-2031	Operations Research Analysts	36	\$31.78	Bachelor's degree
17-1011	Architects, Except Landscape and Naval	25	\$34.05	Bachelor's degree
17-1022	Surveyors	37	\$24.84	Bachelor's degree
17-2011	Aerospace Engineers	20	\$44.76	Bachelor's degree
17-2051	Civil Engineers	113	\$41.52	Bachelor's degree
17-2061	Computer Hardware Engineers	18	\$45.37	Bachelor's degree
17-2071	Electrical Engineers	77	\$43.96	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	71	\$35.60	Bachelor's degree
17-2081	Environmental Engineers	29	\$39.43	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safet	29	\$54.16	Bachelor's degree
17-2112	Industrial Engineers	79	\$39.53	Bachelor's degree
17-2121	Marine Engineers and Naval Architects	17	\$71.56	Bachelor's degree
17-2131	Materials Engineers	34	\$36.84	Bachelor's degree
17-2141	Mechanical Engineers	230	\$40.23	Bachelor's degree
17-2171	Petroleum Engineers	107	\$56.62	Bachelor's degree
17-2199	Engineers, All Other	114	\$39.92	Bachelor's degree
17-3011	Architectural and Civil Drafters	31	\$21.87	Associate's degree
17-3012	Electrical and Electronics Drafters	11	\$26.62	Associate's degree
17-3013	Mechanical Drafters	69	\$26.37	Associate's degree
17-3021	Aerospace Engineering and Operations Technicia	<10	Insf. Data	Associate's degree
17-3022	Civil Engineering Technicians	52	\$22.07	Associate's degree
17-3023	Electrical and Electronics Engineering Technicians	156	\$32.61	Associate's degree
17-3025	Environmental Engineering Technicians	15	\$24.61	Associate's degree
17-3026	Industrial Engineering Technicians	39	\$26.12	Associate's degree
17-3027	Mechanical Engineering Technicians	31	\$32.10	Associate's degree
17-3029	Engineering Technicians, Except Drafters, All Oth	64	\$25.69	Associate's degree
19-2021	Atmospheric and Space Scientists	70	\$48.15	Bachelor's degree
19-2031	Chemists	23	\$57.73	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Includin	28	\$29.33	Bachelor's degree
19-2042	Geoscientists, Except Hydrologists and Geograph	41	\$47.88	Bachelor's degree
19-4011	Agricultural and Food Science Technicians	18	\$16.70	Associate's degree
19-4021	Biological Technicians	23	\$30.05	Bachelor's degree
19-4031	Chemical Technicians	20	\$26.71	Associate's degree
19-4041	Geological and Petroleum Technicians	58	\$21.86	Associate's degree
19-4091	Environmental Science and Protection Technician	33	\$30.59	Associate's degree
19-4092	Forensic Science Technicians	13	\$24.99	Bachelor's degree
19-4093	Forest and Conservation Technicians	17	\$17.63	Associate's degree
19-4099	Life, Physical, and Social Science Technicians, All	31	\$25.18	Associate's degree
21-1018	Substance Abuse, Behavioral Disorder, and Ment	100	\$22.70	Bachelor's degree
21-1021	Child, Family, and School Social Workers	334	\$16.34	Bachelor's degree
21-1029	Social Workers, All Other	28	\$30.90	Bachelor's degree
21-1091	Health Educators	40	\$24.77	Bachelor's degree
21-1092	Probation Officers and Correctional Treatment Sp	42	\$23.00	Bachelor's degree
21-1099	Community and Social Service Specialists, All Oth	39	\$25.43	Bachelor's degree
23-2011	Paralegals and Legal Assistants	89	\$20.43	Associate's degree
25-2012	Kindergarten Teachers, Except Special Education	154	\$18.98	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Edu	1,229	\$19.58	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Care	543	\$20.37	Bachelor's degree
25-2031	Secondary School Teachers, Except Special and	839	\$20.96	Bachelor's degree
25-2051	Special Education Teachers, Preschool	11	\$19.50	Bachelor's degree
25-2052	Special Education Teachers, Kindergarten and Ele	241	\$21.15	Bachelor's degree
25-2054	Special Education Teachers, Secondary School	54	\$22.98	Bachelor's degree

25-2059	Special Education Teachers, All Other	14	\$19.35	Bachelor's degree
25-3097	Teachers and Instructors, All Other	526	\$21.41	Bachelor's degree
27-1021	Commercial and Industrial Designers	24	\$35.59	Bachelor's degree
27-1024	Graphic Designers	80	\$19.34	Bachelor's degree
27-1025	Interior Designers	12	\$20.13	Bachelor's degree
27-2012	Producers and Directors	13	\$25.53	Bachelor's degree
27-2041	Music Directors and Composers	64	\$17.98	Bachelor's degree
27-3011	Radio and Television Announcers	11	\$20.78	Bachelor's degree
27-3031	Public Relations Specialists	86	\$19.48	Bachelor's degree
27-3042	Technical Writers	38	\$25.10	Bachelor's degree
27-3043	Writers and Authors	14	\$16.04	Bachelor's degree
27-3091	Interpreters and Translators	54	\$17.04	Bachelor's degree
27-4012	Broadcast Technicians	16	\$16.24	Associate's degree
29-1031	Dietitians and Nutritionists	42	\$23.59	Bachelor's degree
29-1126	Respiratory Therapists	81	\$23.02	Associate's degree
29-1141	Registered Nurses	1,506	\$26.52	Bachelor's degree
29-2011	Medical and Clinical Laboratory Technologist	2,041	\$26.82	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	2,201	\$14.99	Associate's degree
29-2018	Clinical Laboratory Technologists and Technicians	204	\$21.86	Associate's degree
29-2021	Dental Hygienists	129	\$36.39	Associate's degree
29-2031	Cardiovascular Technologists and Technicians	19	\$16.46	Associate's degree
29-2032	Diagnostic Medical Sonographers	17	\$23.13	Associate's degree
29-2034	Radiologic Technologists	127	\$23.60	Associate's degree
29-2035	Magnetic Resonance Imaging Technologists	11	\$27.25	Associate's degree
29-2041	Emergency Medical Technicians and Paramedics	249	\$15.35	Postsecondary non
29-2052	Pharmacy Technicians	271	\$14.70	High school diploma
29-2055	Surgical Technologists	77	\$20.61	Postsecondary non
29-2056	Veterinary Technologists and Technicians	55	\$15.01	Associate's degree
29-2061	Licensed Practical and Licensed Vocational Nurse	938	\$18.43	Postsecondary non
29-2071	Medical Records and Health Information Technicians	150	\$18.13	Postsecondary non
29-9011	Occupational Health and Safety Specialists	91	\$32.40	Bachelor's degree
31-2011	Occupational Therapy Assistants	37	\$20.78	Associate's degree
31-2021	Physical Therapist Assistants	61	\$26.48	Associate's degree
31-9091	Dental Assistants	275	\$17.97	Postsecondary non
33-1012	First-Line Supervisors of Police and Detectives	250	\$30.63	High school diploma
33-2011	Firefighters	379	\$18.49	Postsecondary non
33-3051	Police and Sheriff's Patrol Officers	816	\$19.37	High school diploma
33-9032	Security Guards	523	\$17.07	High school diploma
41-3031	Securities, Commodities, and Financial Services S	75	\$67.62	Bachelor's degree
41-4011	Sales Representatives, Wholesale and Manufactu	208	\$34.28	Bachelor's degree
41-9031	Sales Engineers	13	\$47.44	Bachelor's degree
47-2031	Carpenters	340	\$20.42	High school diploma
47-2111	Electricians	385	\$28.64	High school diploma
47-2152	Plumbers, Pipefitters, and Steamfitters	455	\$21.28	High school diploma
49-1011	First-Line Supervisors of Mechanics, Installers, and	496	\$30.77	High school diploma
49-2021	Radio, Cellular, and Tower Equipment Installers and	36	\$33.68	Associate's degree
49-2091	Avionics Technicians	97	\$30.88	Associate's degree
49-3011	Aircraft Mechanics and Service Technicians	637	\$28.54	Postsecondary non
49-3021	Automotive Body and Related Repairers	67	\$20.92	High school diploma
49-3031	Bus and Truck Mechanics and Diesel Engine Spe	291	\$21.45	High school diploma
49-9021	Heating, Air Conditioning, and Refrigeration Mech	322	\$19.87	Postsecondary non
49-9041	Industrial Machinery Mechanics	305	\$24.58	High school diploma

49-9043	Maintenance Workers, Machinery	279	\$19.15	High school diploma
49-9051	Electrical Power-Line Installers and Repairers	135	\$29.13	High school diploma
49-9062	Medical Equipment Repairers	16	\$29.84	Associate's degree
49-9081	Wind Turbine Service Technicians	63	\$25.34	Postsecondary non
51-1011	First-Line Supervisors of Production and Operatin	517	\$30.01	High school diploma
51-4011	Computer-Controlled Machine Tool Operators, Me	132	\$17.18	High school diploma
51-4041	Machinists	418	\$18.63	High school diploma
51-4121	Welders, Cutters, Solderers, and Brazers	505	\$19.47	High school diploma
53-2011	Airline Pilots, Copilots, and Flight Engineers	235	\$56.05	Bachelor's degree
53-2021	Air Traffic Controllers	83	\$57.17	Associate's degree
53-3022	Bus Drivers, School or Special Client	398	\$10.06	High school diploma
53-3021	Bus Drivers, Transit and Intercity	94	\$12.80	High school diploma
53-3032	Heavy and Tractor-Trailer Truck Drivers	1,421	\$19.67	Postsecondary non
53-3033	Light Truck or Delivery Services Drivers	412	\$16.90	High school diploma
53-7021	Crane and Tower Operators	24	\$23.62	High school diploma